

Koichi Nishikawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6824647/publications.pdf>

Version: 2024-02-01

50
papers

1,191
citations

393982

19
h-index

377514

34
g-index

50
all docs

50
docs citations

50
times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	Methionine 286 in transmembrane domain 3 of the GABAA receptor $\hat{\Gamma}^2$ subunit controls a binding cavity for propofol and other alkylphenol general anesthetics. <i>Neuropharmacology</i> , 2001, 41, 952-964.	2.0	125
2	The Actions of Sevoflurane and Desflurane on the $\hat{\Gamma}^3$ -Aminobutyric Acid Receptor Type A. <i>Anesthesiology</i> , 2003, 99, 678-684.	1.3	115
3	Agent-selective Effects of Volatile Anesthetics on GABAARceptor-mediated Synaptic Inhibition in Hippocampal Interneurons. <i>Anesthesiology</i> , 2001, 94, 340-347.	1.3	98
4	Volatile anesthetic actions on the GABAA receptors: contrasting effects of $\hat{\Gamma}^1$ (S270) and $\hat{\Gamma}^2$ (N265) point mutations. <i>Neuropharmacology</i> , 2002, 42, 337-345.	2.0	79
5	The Monoamine-Mediated Antiallodynic Effects of Intrathecally Administered Milnacipran, a Serotonin Noradrenaline Reuptake Inhibitor, in a Rat Model of Neuropathic Pain. <i>Anesthesia and Analgesia</i> , 2005, 100, 1406-1410.	1.1	71
6	The Effects of Volatile Anesthetics on Intraoperative Monitoring of Myogenic Motor-Evoked Potentials to Transcranial Electrical Stimulation and on Partial Neuromuscular Blockade During Propofol/Fentanyl/Nitrous Oxide Anesthesia in Humans. <i>Journal of Neurosurgical Anesthesiology</i> , 2006, 18, 106-111.	0.6	63
7	Miniature endplate currents at the newly formed neuromuscular junction in <i>Drosophila</i> embryos and larvae. <i>Neuroscience Research</i> , 1994, 19, 143-154.	1.0	56
8	Amnestic Concentrations of Sevoflurane Inhibit Synaptic Plasticity of Hippocampal CA1 Neurons through $\hat{\Gamma}^3$ -Aminobutyric Acid-mediated Mechanisms. <i>Anesthesiology</i> , 2008, 108, 447-456.	1.3	50
9	Comparison of effects of rapid colloid loading before and after spinal anesthesia on maternal hemodynamics and neonatal outcomes in cesarean section. <i>Journal of Clinical Monitoring and Computing</i> , 2007, 21, 125-129.	0.7	46
10	Thermal Hyperalgesia via Supraspinal Mechanisms in Mice Lacking Glutamate Decarboxylase 65. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 162-169.	1.3	43
11	Tracheal Intubation With the PENTAX-AWS (Airway Scope) Reduces Changes of Hemodynamic Responses and Bispectral Index Scores Compared With the Macintosh Laryngoscope. <i>Journal of Neurosurgical Anesthesiology</i> , 2009, 21, 292-296.	0.6	42
12	Landiolol and esmolol prevent tachycardia without altering cerebral blood flow. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, 1027-1034.	0.7	36
13	Monoamine-Dependent, Opioid-Independent Antihypersensitivity Effects of Intrathecally Administered Milnacipran, a Serotonin Noradrenaline Reuptake Inhibitor, in a Postoperative Pain Model in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 1059-1065.	1.3	35
14	Octopamine inhibits synaptic transmission at the larval neuromuscular junction in <i>Drosophila melanogaster</i> . <i>Brain Research</i> , 1999, 837, 67-74.	1.1	29
15	Halothane Presynaptically Depresses Synaptic Transmission in Wild-type <i>Drosophila</i> Larvae But Not in Halothane-resistant (<i>har</i>) Mutants. <i>Anesthesiology</i> , 1999, 90, 1691-1697..	1.3	28
16	A dopamine infusion decreases propofol concentration during epidural blockade under general anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, 463-466.	0.7	27
17	Autologous Bone Marrow Transplantation and Hyperbaric Oxygen Therapy for Patients With Thromboangiitis Obliterans. <i>Angiology</i> , 2007, 58, 429-434.	0.8	25
18	The interaction of noradrenaline with sevoflurane on GABA(A) receptor-mediated inhibitory postsynaptic currents in the rat hippocampus. <i>Brain Research</i> , 2005, 1039, 153-161.	1.1	20

#	ARTICLE	IF	CITATIONS
19	The effects of the extent of spinal block on the BIS score and regional cerebral oxygen saturation in elderly patients: A prospective, randomized, and double-blinded study. <i>Journal of Clinical Monitoring and Computing</i> , 2007, 21, 109-114.	0.7	20
20	Actions of propofol on substantia gelatinosa neurones in rat spinal cord revealed by <i>in vitro</i> and <i>in vivo</i> patch-clamp recordings. <i>European Journal of Neuroscience</i> , 2009, 29, 518-528.	1.2	20
21	Altered Responses to Propofol, but Not Ketamine, in Mice Deficient in the 65-Kilodalton Isoform of Glutamate Decarboxylase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 592-599.	1.3	19
22	The influence of manipulations to alter ambient GABA concentrations on the hypnotic and immobilizing actions produced by sevoflurane, propofol, and midazolam. <i>Neuropharmacology</i> , 2011, 61, 172-180.	2.0	19
23	Impaired Glycinergic Synaptic Transmission and Enhanced Inflammatory Pain in Mice with Reduced Expression of Vesicular GABA Transporter (VGAT). <i>Molecular Pharmacology</i> , 2012, 81, 610-619.	1.0	19
24	Intracellular Calcium Increases in Growth Cones Exposed to Tetracaine. <i>Anesthesia and Analgesia</i> , 2004, 98, 841-845.	1.1	10
25	Bispectral index and regional cerebral oxygen saturation during propofol/N ₂ O anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 363-369.	0.7	10
26	Volatile Anesthetics Inhibit Calcitonin Gene-Related Peptide Receptor-Mediated Responses in Pithed Rats and Human Neuroblastoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 1016-1022.	1.3	8
27	Oral etodolac, a COX-2 inhibitor, reduces postoperative pain immediately after fast-track cardiac surgery. <i>Journal of Anesthesia</i> , 2004, 18, 9-13.	0.7	8
28	Postoperative myasthenic crisis successfully treated with immunoadsorption therapy. <i>Journal of Anesthesia</i> , 2005, 19, 320-322.	0.7	7
29	Effects of spinal anesthesia on the peripheral and deep core temperature in elderly diabetic patients undergoing urological surgery. <i>Journal of Anesthesia</i> , 2007, 21, 336-339.	0.7	7
30	Regurgitant leak from the area between the stent post and the sewing ring of a stented bovine pericardial valve implanted in the aortic valve position. <i>Cardiovascular Ultrasound</i> , 2010, 8, 52.	0.5	7
31	Anesthetic Management for Clipping a Giant Basilar Artery Aneurysm with Moderate Hypothermia, Extracorporeal Circulation Assistance, and Propofol Infusion. <i>Journal of Neurosurgical Anesthesiology</i> , 2003, 15, 274-277.	0.6	6
32	A novel bFGF-GH injection therapy for two patients with severe ischemic limb pain. <i>Journal of Anesthesia</i> , 2008, 22, 449-452.	0.7	6
33	Plasma concentration for optimal sedation and total body clearance of propofol in patients after esophagectomy. <i>Journal of Anesthesia</i> , 2005, 19, 88-90.	0.7	5
34	Severe colchicine intoxication after self-administration of colchicine concomitantly with loxoprofen. <i>Journal of Anesthesia</i> , 2013, 27, 483-484.	0.7	4
35	Spontaneous Rupture of the Maternal Diaphragm. <i>Anesthesiology</i> , 2013, 118, 445-445.	1.3	4
36	The Effects of Volatile Anesthetics on Nonadrenergic, Noncholinergic Depressor Responses in Rats. <i>Anesthesia and Analgesia</i> , 2003, 96, 125-131.	1.1	3

#	ARTICLE	IF	CITATIONS
37	The influence of sevoflurane on the bispectral index, regional cerebral oxygen saturation, and propofol concentration during propofol/N ₂ O anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2006, 20, 415-420.	0.7	3
38	Anesthetic Management of a Patient With Antimuscle-Specific Kinase Antibody-Positive Myasthenia Gravis Undergoing an Open Cholecystectomy. <i>A & A Case Reports</i> , 2017, 8, 150-153.	0.7	3
39	Intraoperative QRS interval changes caused by hyperkalaemia in an infant with Arima syndrome. <i>Paediatric Anaesthesia</i> , 1998, 8, 425-428.	0.6	2
40	Successful management of a patient with neuroleptic malignant syndrome associated with marked elevation of serum creatine kinase. <i>Journal of Anesthesia</i> , 2004, 18, 135-137.	0.7	2
41	Spinal cord infarction following multiple epidural injections. <i>The Pain Clinic</i> , 2004, 16, 207-211.	0.1	2
42	Femoral necrosis due to occlusion of the left common iliac artery in a patient with thromboangiitis obliterans. <i>The Pain Clinic</i> , 2005, 17, 209-212.	0.1	2
43	Successful perioperative management of a patient with erythropoietin-producing uterine myoma. <i>JA Clinical Reports</i> , 2018, 4, 50.	0.2	2
44	The Effects of Volatile Anesthetics on Nonadrenergic, Noncholinergic Depressor Responses in Rats. <i>Anesthesia and Analgesia</i> , 2003, 96, 125-131.	1.1	1
45	In-hospital mortality does not increase in patients aged over 85 years after hip fracture surgery. A retrospective observational study in a Japanese tertiary hospital. <i>JA Clinical Reports</i> , 2018, 4, 36.	0.2	1
46	Cuff Failure of Spiral-Filled Polyvinyl Chloride Endotracheal Tube Immediately after Tracheal Intubation Using a Channeled Videolaryngoscope (Pentax Airway Scope). <i>Case Reports in Anesthesiology</i> , 2020, 2020, 1-3.	0.2	1
47	Title is missing!. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2005, 12, 145-146.	0.0	1
48	It was not a fall, but fainting: A case report of pulmonary embolism. <i>Fukushima Journal of Medical Sciences</i> , 2020, 66, 113-117.	0.1	1
49	Peripheral arterial disease treated with a multidisciplinary approach including sympathetic blockade, epidural blockade, and surgery. <i>The Pain Clinic</i> , 2007, 19, 105-108.	0.1	0
50	Emergency Care for High-Altitude Disorders Using a Transportable Hyperbaric Chamber with Soda Lime. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 1995, 15, 233-237.	0.0	0